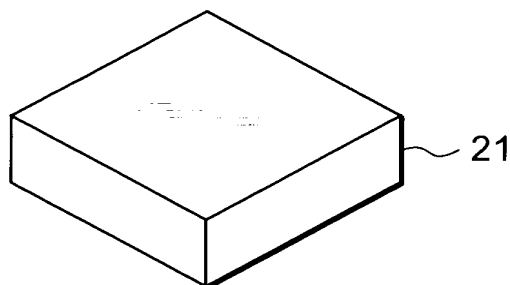
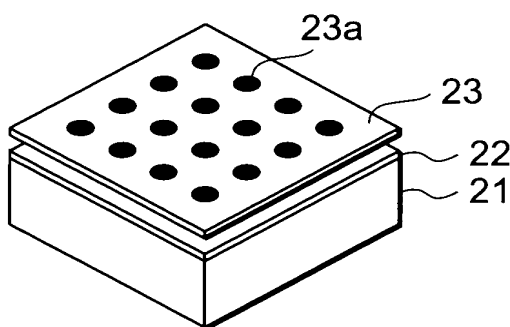


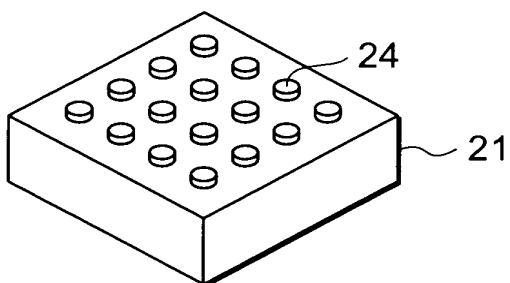
**Fig.1A**



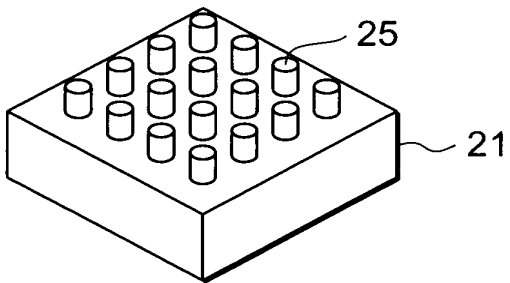
**Fig.1B**



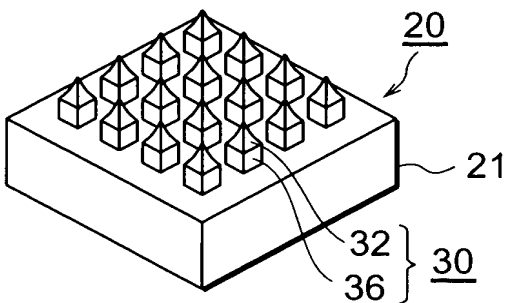
**Fig.1C**



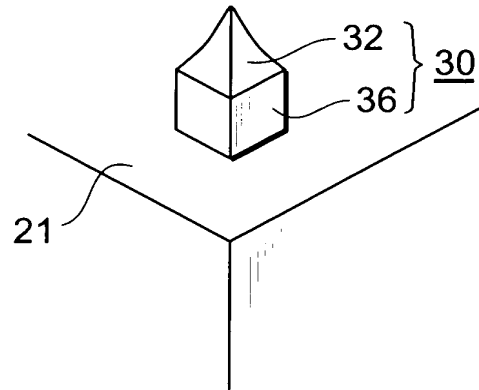
**Fig.1D**



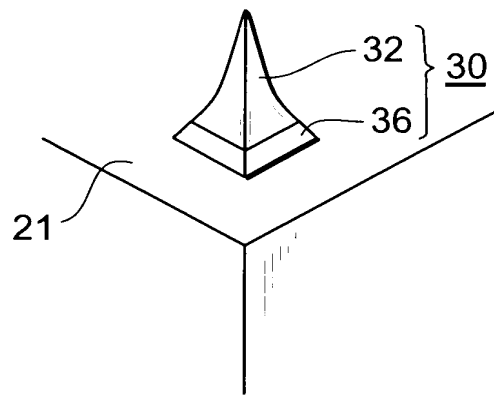
**Fig.1E**



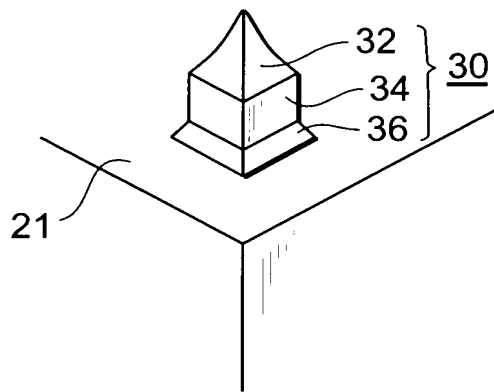
**Fig.2**

[illegible]

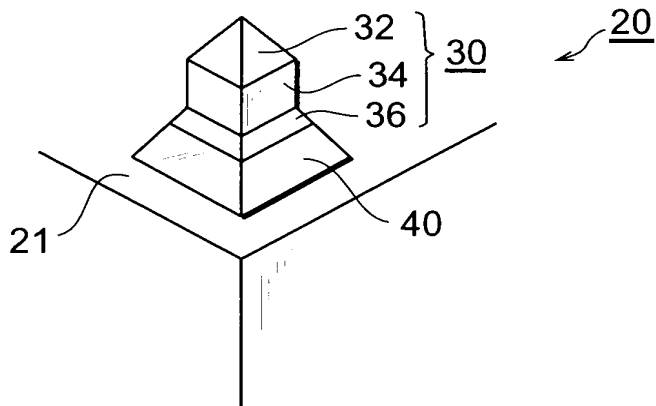
**Fig.3A**



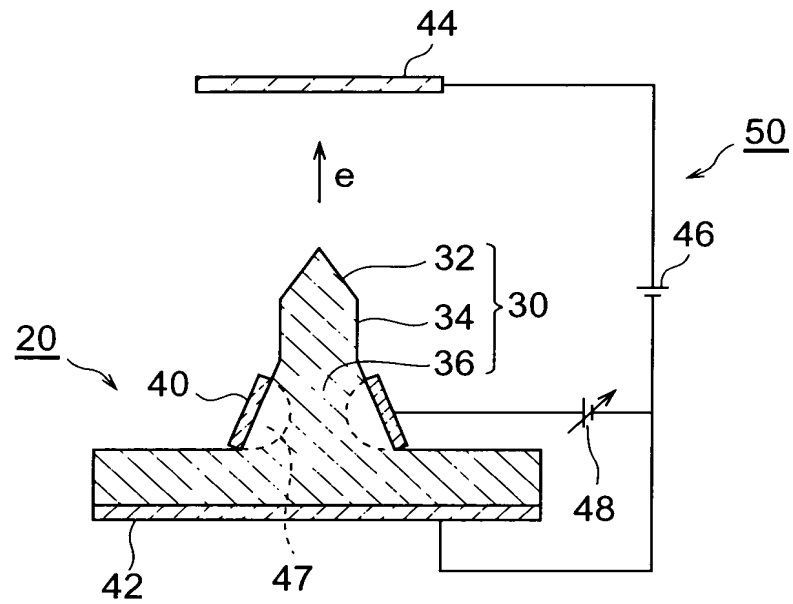
**Fig.3B**



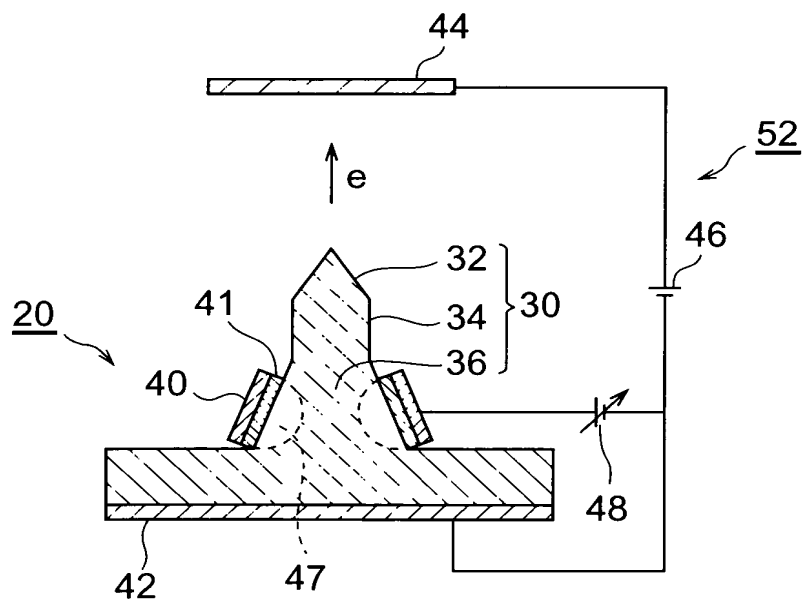
**Fig.4**



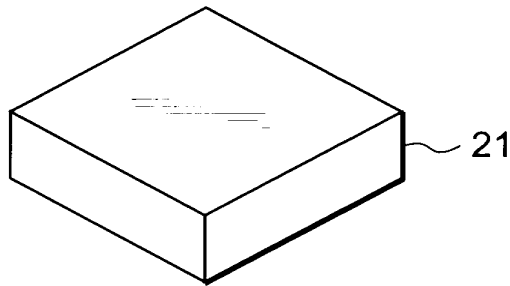
**Fig.5**



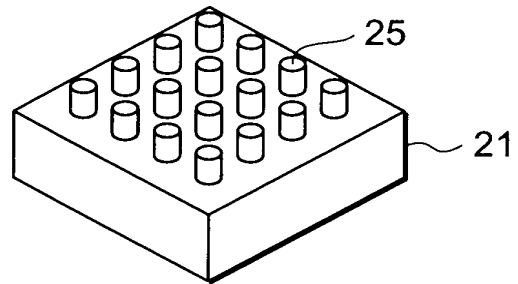
**Fig.6**



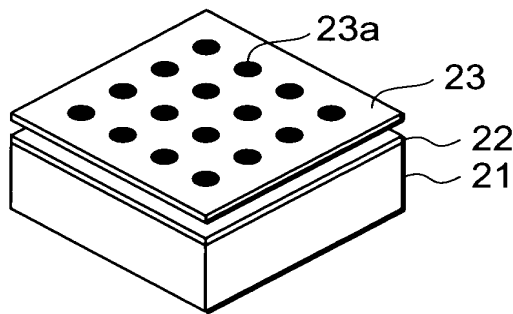
**Fig.7A**



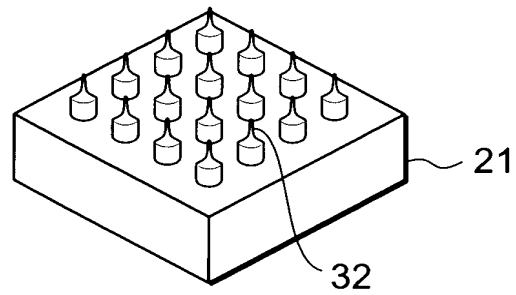
**Fig.7D**



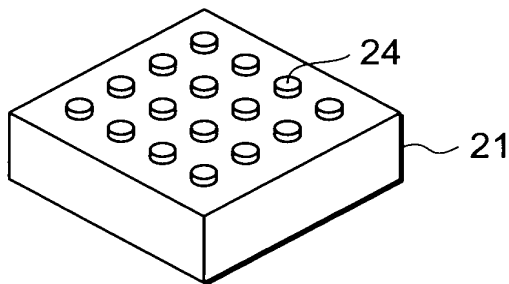
**Fig.7B**



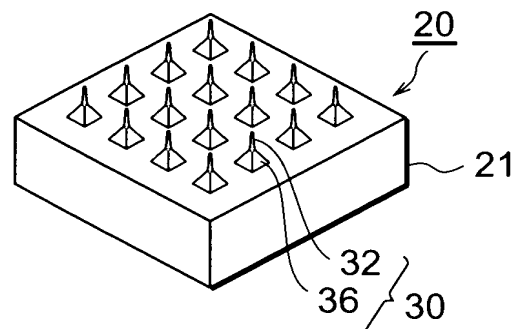
**Fig.7E**



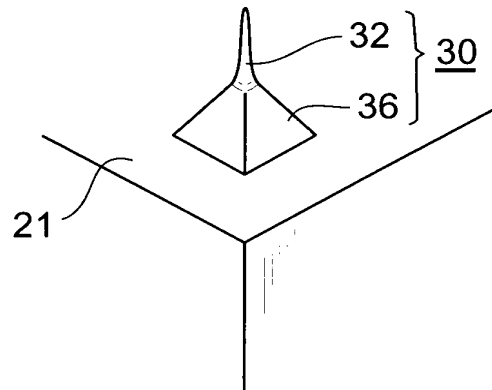
**Fig.7C**



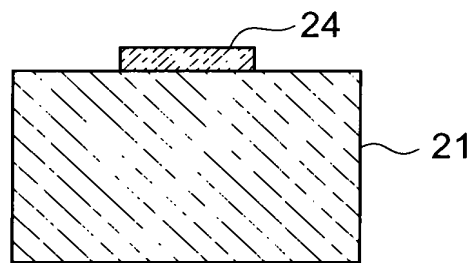
**Fig.7F**



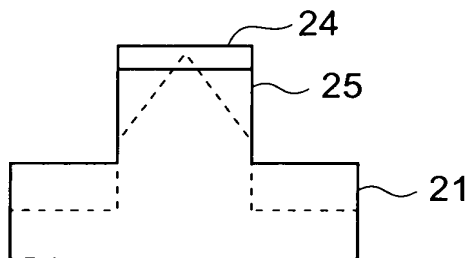
**Fig.8**



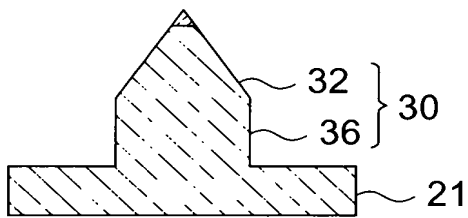
**Fig.9A**



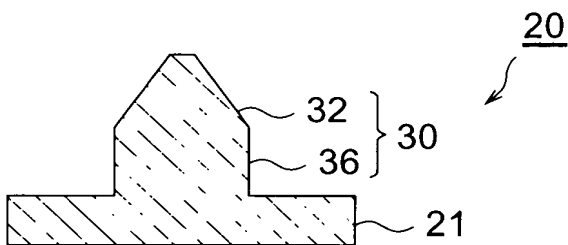
**Fig.9B**



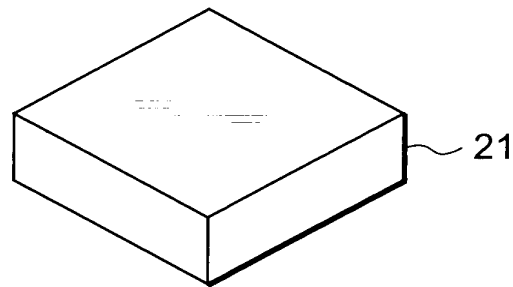
**Fig.9C**



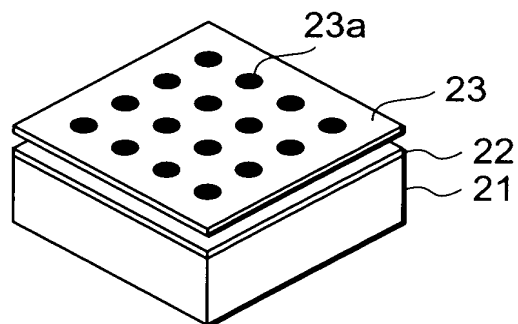
**Fig.9D**



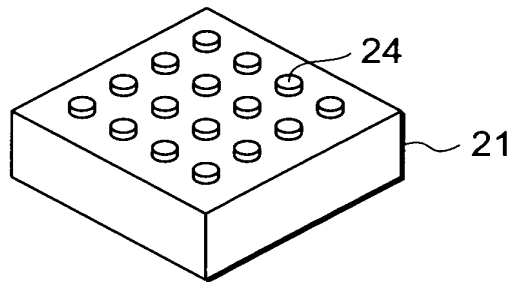
**Fig.10A**



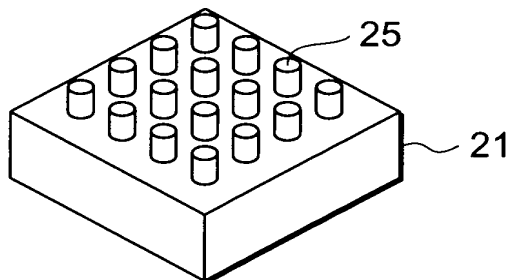
**Fig.10B**



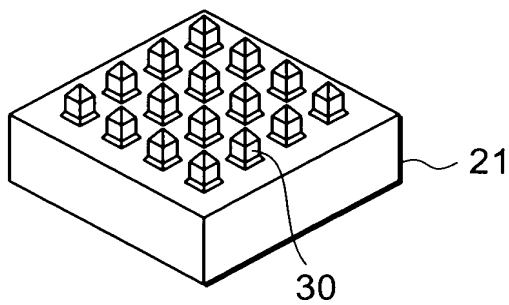
**Fig.10C**



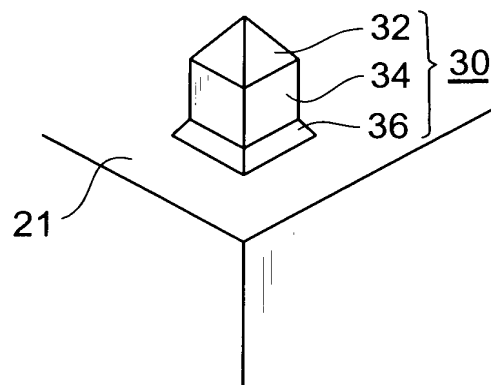
**Fig.10D**



**Fig.10E**

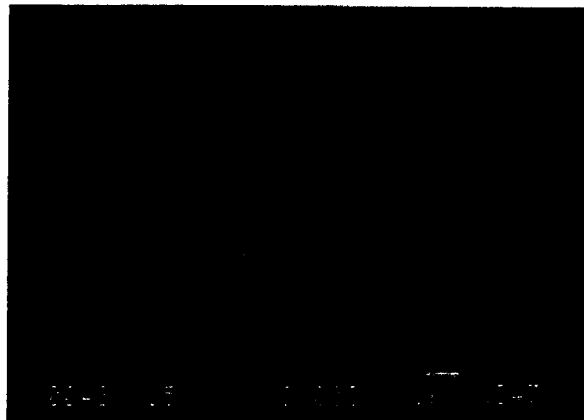




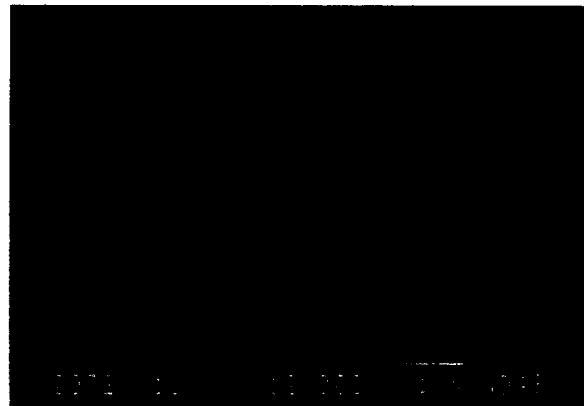
**Fig.11****Fig.12**

SAMPLE NO.	DIMENSIONS OF COLUMNAR MEMBER		DIMENSIONS OF ELECTRON-EMITTING PORTION		
	HEIGHT ( $\mu\text{m}$ )	DIAMETER ( $\mu\text{m}$ )	DIAMETER OF VERTEX PORTION ( $\mu\text{m}$ )	DIAMETER OF BASE ( $\mu\text{m}$ )	ASPECT RATIO
(1)	3	3	0.5	2.6	1
(2)	5	5	3.5	4.5	1
(3)	8	8	6	7.5	1
(4)	4.2	3	0.5	2.6	1.4
(5)	7	5	0.5	4.5	1.4
(6)	7	3	0.5	2.6	2.3
(7)	11.5	5	0.5	4.5	2.3

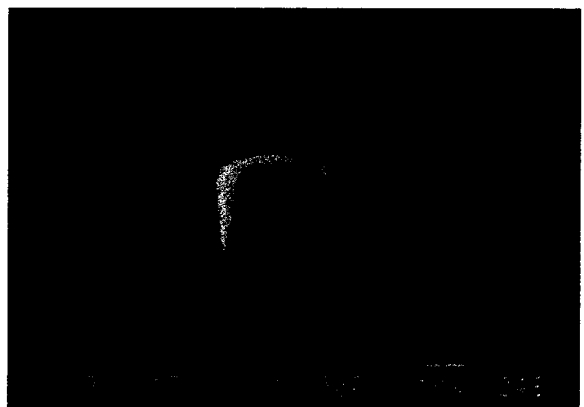
***Fig.13A***



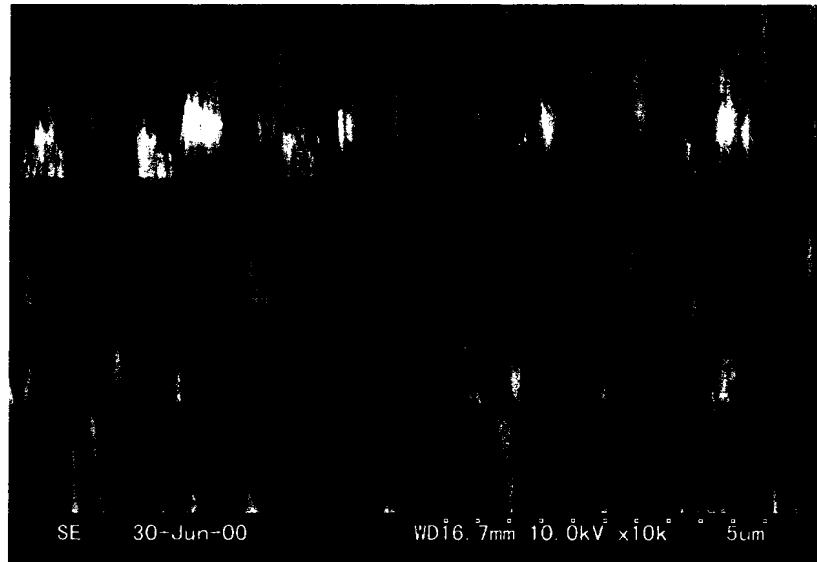
***Fig.13B***



***Fig.13C***

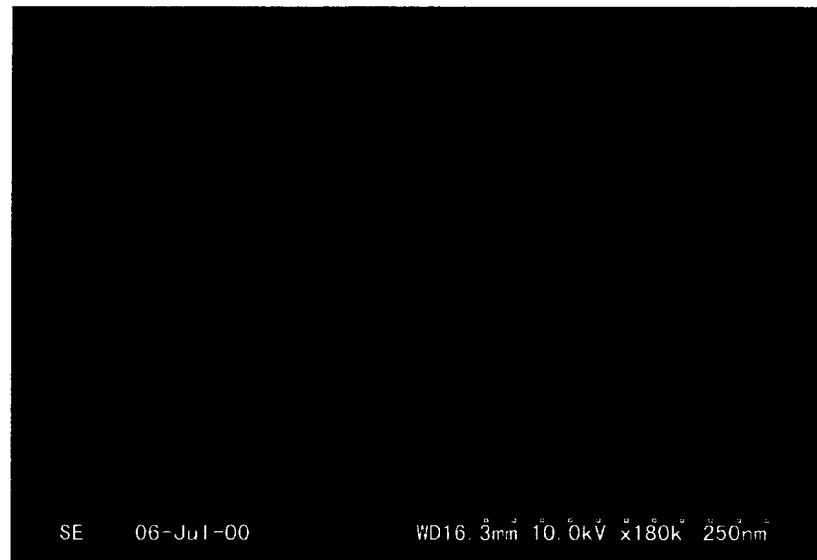


**Fig.14A**



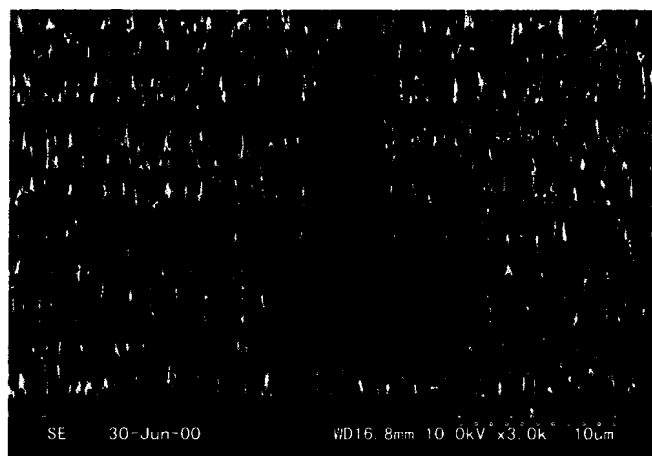
5  $\mu$  m

**Fig.14B**



250nm

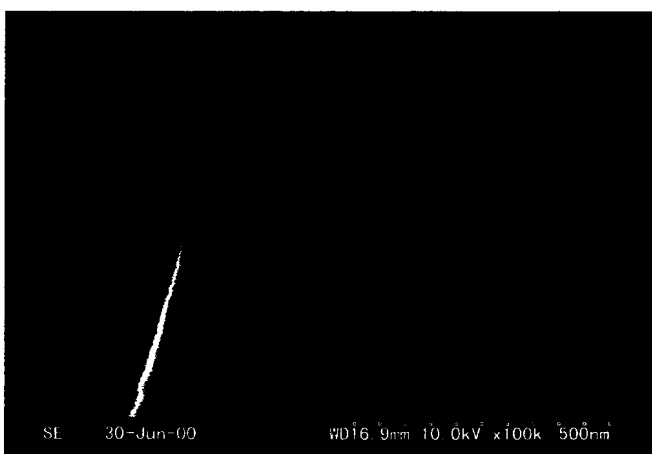
**Fig.15A**



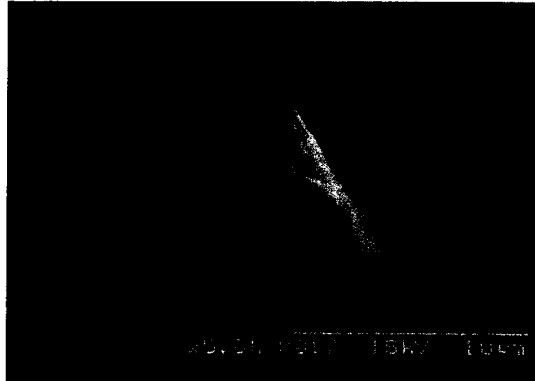
**Fig.15B**



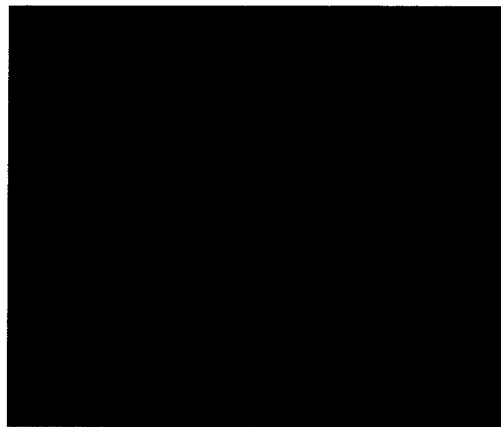
**Fig.15C**



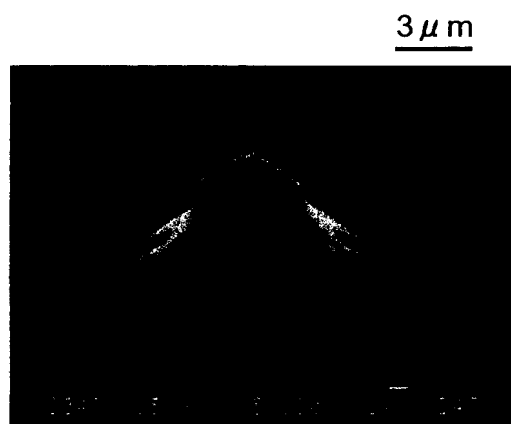
***Fig.16A***



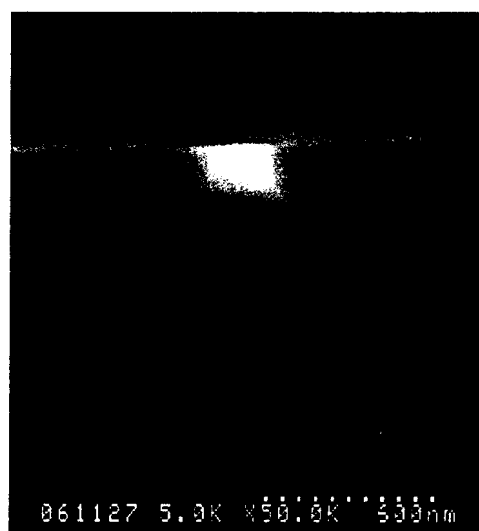
***Fig.16B***



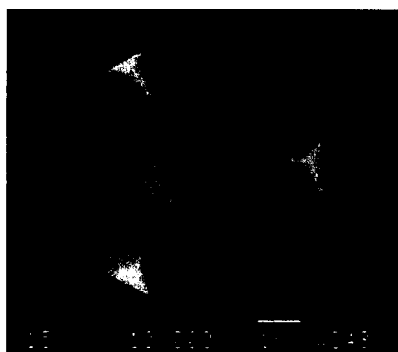
**Fig.17A**



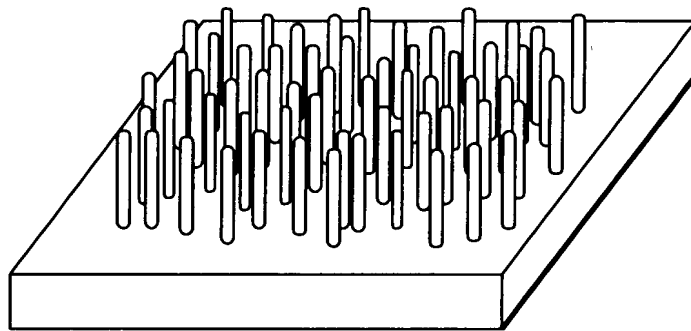
**Fig.17B**



**Fig.17C**

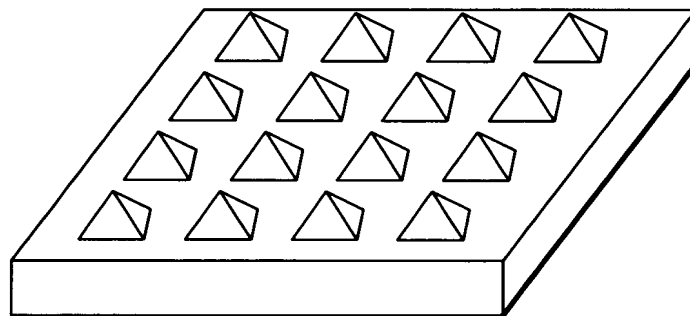


**Fig.18**



PRIOR ART

**Fig.19**



PRIOR ART